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ANNOUNCEMENT

ESCAPE-8

European Symposium on Computer Aided Process Engineering
Brugge, Belgium
24–27 May 1998

Symposium Chairman: Professor GF Froment (Universiteit Gent)
Professor B Kalitventzeff (Université de Liège)

Escape meetings have become reknown and successful scientific events. The 1998 event will continue to emphasize topics like process design, -operation and -control, computational aspects of environmental problems and the use of computers in chemical engineering education. The 1998 event will also be innovative and will highlight new topics which are of growing importance in process engineering, like molecular simulation for the prediction of physical properties or reaction pathways and computational fluid dynamics for more realistic modeling of process equipment.

Escape 8 will be held in the magnificently restored "Oud Sint Jan" (Sint Jans Hospital"). The oldest part of this former hospital goes back to the 12th century and currently houses the Memling Museum. The new hospital was built in 1850. In 1976 the Sint Jans Hospital was moved to new buildings. Thanks to the efforts of a few prominent citizens, the 19th century hospital rooms were restored and designed as a modern art and conference centre.

Topics

The symposium will focus on recent developments requiring substantial computer power and on new challenges in the more traditional topics of the ESCAPE meetings.

1. Molecular Dynamics and Modeling in Process Design
2. Use of Computational Fluid Dynamics in Process Modeling
3. Integration of Processes on an Industrial Site
4. On Line Management of Process Operation
5. Industrial Applications and Case Studies

For further information please contact the symposium secretariat:

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E-mail: escape8@ti.kviv.be

An Internet WWW information service is established:
http://www.kviv.be/ti/escape8.htm
where information is posted as it becomes available

ANNOUNCEMENT

48th Canadian Chemical Engineering Conference
Westin Hotel, London, Ontario
4–7 October 1998

Chemical Engineering for the 21st Century

Sessions on:

Biotechnology
Chemical Engineering Education
Polymer Science & Engineering
Conventional Oil Production & Distribution
Chemical Engineering Fundamentals
Mathematical Modelling, Systems & Process Control
Advances & Synthetic Fuels
Gas Production
Oil Sands, Bitumen & Heavy Oil
Pulp & Paper
Food Processing Industry
Industrial Practice

For general conference information please contact:

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ANNOUNCEMENT

ISMR-1
1st International Symposium on Multifunctional Reactors
25–28 April 1998
Amsterdam, The Netherlands

Background

In recent years a constantly growing scientific interest is observed in the field of multifunctional reactors. It is expected that at the dawn of the next millenium those novel reactor types will lead to more compact, more efficient, safe and environment-friendly sustainable technologies. Examples are reactive distillation and membrane reactors. The former is already commercial and the latter has been demonstrated at bench-scale. Many more ideas materialize, for instance reactors combining reaction and adsorption, reaction and chromatography. The whole field is fascinating. In order to meet the growing scientific interest as well as industrial expectations, the Working Party on Chemical Engineering in Applications of Catalysis of the European Federation of Chemical Engineering together with the Working Party on Chemical Reaction Engineering have undertaken the initiative to organize the first international symposium dedicated to multifunctional reactors. The event is hosted by the Royal Institution of Engineers in the Netherlands, the Royal Netherlands Chemical Society and the Netherlands Association of Engineers, and is co-sponsored by the European Chemical Industry Council (CEFIC) and its SUSTECH initiative (Collaborative Research and Development in Sustainable Technologies for the Process Industries).

Scope

The aim of the symposium is to bring together both academics and industrialists who take interest in the field of multifunctional reactors, i.e. reactors which, alongside chemical reaction (and for the sake of it) integrate at least one more operation that conventionally would have to be performed in a separate apparatus (e.g. separations, heat transfer, etc.). The novelty aspect will be one of the most important factors considered during the paper selection procedure.

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Email: congress@klvl.nl

Information on the symposium is also available on Internet:
http://www.cpt.stm.tudelft.nl./ismr-1